

Title (en)

PROCESS FOR MONITORING THE OPERATION OF A CATALYTIC CONVERTER.

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DER FUNKTION EINES KATALYTISCHEN KONVERTERS.

Title (fr)

PROCEDE PERMETTANT DE SURVEILLER LE FONCTIONNEMENT D'UN CONVERTISSEUR CATALYTIQUE.

Publication

EP 0655104 A1 19950531 (DE)

Application

EP 94908173 A 19930812

Priority

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- EP 9302150 W 19930812

Abstract (en)

[origin: WO9404800A1] Process for analysing the state of at least a partial volume (K1, K2, K3, K4) of a catalytic converter (K) through which a gas mixture flows, in which during a change in the chemical and/or physical properties of the gas mixture a temperature measurement is made by means of a sensor (S1, S2, S3, S4) at least at a position or in a region within the partial volume (K1, K2, K3, K4). The position or the region and the arrangement of the sensor (S1, S2, S3, S4) are selected in such a way that the reaction of this measured temperature is at least approximately representative of the temperature reaction in the partial volume (K1, K2, K3, K4) of the catalytic converter (K). In addition the reaction of the measured temperature is determined and compared with set values for the alteration concerned in the properties of the gas mixture. The reaction may be particularly clearly observed by means of the time derivation or the time integral of the temperature.

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F01N 7/00

IPC 8 full level

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